Overview

The Global Exchange Service (GEX) provides data transformation, communication protocol adaptation and message brokering between multiple Department of Defense (DoD) and federal government agencies as well as commercial industry. Formerly known as the Defense Business Exchange, GEX has been under continuous development since 1996 to serve as the enterprise service bus for business system integration across DoD and the federal community.

Capabilities

The Business Transformation Agency (BTA) and many DoD and federal programs leverage GEX as the mediation and messaging service to support business system integration requirements. GEX provides data integration and middleware solutions to diverse government systems, applications and eBusiness communities of interest. It facilitates unique system to system data integration requirements in support of DoD, federal government agencies and commercial industry partners. In addition GEX validates archives, secures, translates, routes, and delivers mass volumes of transactions with guaranteed delivery and end-to-end accountability.

Benefits

- Minimized cost by eliminating need for individual applications to duplicate investment in redundant integration solutions with multiple products and varying processes

- Allows legacy systems to participate in emerging technologies and standards

- Provides flexibility to adapt to an ever changing environment while continuing to support and connect with legacy systems

- Focused responsibility and accountability for integration services across the Business Community of Interest (COI)

- Reduced risk and maximized reuse through repeatable processes with centralized requirements prioritization, configuration management and comprehensive documentation

- Provides mediation as a service and interacts with other Service Oriented Architecture (SOA) capabilities

GEX is a program within the Business Transformation Agency's Defense Business Systems Acquisition Executive (DBSAE) directorate. The DBSAE is responsible for driving the successful implementation of DoD systems and initiatives in support of the Department's business transformation goals. Its mission is to develop, coordinate, and integrate projects, programs, systems and initiatives providing DoD enterprise-wide business capabilities to the warfighter.

Web site Address

http://www.bta.mil/gex/index.html

Stakeholders Served

GEX is currently deployed at four operational sites that process more than 120 million transactions each month, more than 1.5 billion a year.

GEX connects over 7,600 sites and approximately 180 different application systems.